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REISSUE PATENT APPLICATION TRANSMITTAL

Address to: Mail Stop Reissue Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket No.	501.26379R00
	First Named Inventor	KAKU, Toshimitsu
	Original Patent Number	5,105,409
	Original Patent Issue Date (Month/Day/Year)	April 14, 1992
	Express Mail Label No.	

APPLICATION FOR REISSUE OF: (Check applicable box)	<input checked="" type="checkbox"/> Utility Patent	<input type="checkbox"/> Design Patent	<input type="checkbox"/> Plant Patent
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APPLICATION ELEMENTS (37 CFR 1.173)	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (PTO/SB/56) <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification and Claims in double column copy of patent format <i>(amended, if appropriate)</i> 4. <input checked="" type="checkbox"/> Drawing(s) <i>(proposed amendments, if appropriate)</i> 5. <input checked="" type="checkbox"/> Reissue Oath/Declaration (original or copy) <i>(37 C.F.R. 1.175) (PTO/SB/51 or 52)</i> 6. <input type="checkbox"/> Power of Attorney 7. <input checked="" type="checkbox"/> Original U.S. Patent currently assigned? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If Yes, check applicable box(es))</i> <input type="checkbox"/> Written Consent of all Assignees (PTO/SB/53) <input checked="" type="checkbox"/> 37 C.F.R. 3.73(b) Statement <i>(PTO/SB/96)</i> 8. <input type="checkbox"/> CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table 9. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all of the following are necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CFR) b. Specification Sequence Listing on: i <input type="checkbox"/> CD-ROM (2 copies) or CD-R (2 copies); or ii <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	10. <input checked="" type="checkbox"/> Statement of status and support for all changes to the claims. See 37 CFR 1.173(c). 11. <input type="checkbox"/> Original Patent Grant <input type="checkbox"/> Ribboned Original Patent Grant <input type="checkbox"/> Statement of Loss (PTO/SB/55) 12. <input checked="" type="checkbox"/> Foreign Priority Claim (35 U.S.C. 119) <i>(if applicable)</i> 13. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> English Translation of Reissue Oath/Declaration 14. <input type="checkbox"/> Preliminary Amendment 15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 16. <input type="checkbox"/> Other: <u>Offer to Surrender</u> <u>Original Letters Patent</u>

18. CORRESPONDENCE ADDRESS				
<input checked="" type="checkbox"/> Customer Number:	020457	OR	<input type="checkbox"/> Correspondence address below	
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Name (Print/Type)	Melvin Kraus	Registration No. (Attorney/Agent)	22,466
Signature	<i>Melvin Kraus</i>	Date	August 5, 2003

This collection of information is required by 37 CFR 1.173. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. PTO

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 750.00)

Complete if Known	
Application Number	
Filing Date	August 5, 2003
First Named Inventor	KAKU, TOSHIMITSU
Examiner Name	
Art Unit	
Attorney Docket No.	500.26379R00

METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order Other None Deposit Account:

Deposit Account Number 01-2135

Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

The Commissioner authorized to: (check all that apply)

- Charge fees indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fees indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65 Surcharge - late filing fee or oath	
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130 Non-English specification	
1812	2,520	1812	2,520 For filing a request for ex parte reexamination	
1804	920*	1804	920* Requesting publication of SIR prior to Examination action	
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	
1251	110	2251	55 Extension for reply within first month	
1252	410	2252	205 Extension for reply within second month	
1253	930	2253	465 Extension for reply within third month	
1254	1,450	2254	725 Extension for reply within fourth month	
1255	1,970	2255	985 Extension for reply within fifth month	
1401	320	2401	160 Notice of Appeal	
1402	320	2402	160 Filing a brief in support of an appeal	
1403	280	2403	140 Request for oral hearing	
1451	1,510	1451	1,510 Petition to Institute a public use proceeding	
1452	110	2452	55 Petition to revive - unavoidable	
1453	1,300	2453	650 Petition to revive - unintentional	
1501	1,300	2501	650 Utility issue fee (or reissue)	
1502	470	2502	235 Design issue fee	
1503	630	2503	315 Plant issue fee	
1406	130	1460	130 Petitions to the Commissioner	
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180 Submission of Information Disclosure Stmt	
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	
1809	750	2809	375 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375 Request for Continued Examination (RCE)	
1802	900	1802	900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)**SUBMITTED BY**

Complete if applicable

Name (Print/Type)	Malvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone	(703) 312-6600
Signature	<i>Malvin Kraus</i>		Date	08/05/2003	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KAKU, et al
Filed: August 5, 2003
Reissue of Patent No.: 5,105,409
Issued: April 14, 1992
For: METHOD AND APPARATUS FOR OPTICAL RECORDING AND REPRODUCING WITH TRACKING SERVO REDUCING TRACK OFFSET

STATEMENT OF STATUS/SUPPORT
IN ACCORDANCE WITH 37 CFR 1.173(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 5, 2003

Sir:

In accordance the requirements of 37 CFR 1.173(c), applicants note that by the present reissue application, original independent claims 1, 5 and 8 have been amended to recite the feature that a pulse width of the extracting pulses is "greater than" the writing pulse width, which feature is supported by the disclosure of U.S. Patent No. 5,105,409, as discussed below. It is noted that the other claims of U.S. Patent No. 5,105,409 are dependent claims, with claims 2-4 being dependent upon claim 1, claims 6 and 7 being dependent upon claim 5, and claims 9-11 being dependent upon claim 8. Thus, the dependent claims, although being retained without amendment, incorporate the features of the amended parent claims therein.

Referring to Fig. 3 of the drawings of U.S. Patent No. 5,105,409 and the corresponding description at col. 4, lines 28-30, Fig. 3(a) shows a writing pulse signal driving the laser diode 1, and as described in col. 5, lines 14-20, Fig. 3(e) shows the waveform of the extracting pulse signal applied from the timing pulse

generating circuit 24. As is apparent from Fig. 3(a) which illustrates the writing pulse signal having a pulse width, as shown, the extracting pulse of Fig. 3(e) has a pulse width which is greater than that of the writing pulse width as illustrated in Fig. 3(a). As indicated in col. 5, lines 16-20, "It will be seen in Fig. 3(e) that the pulse width of each extracting pulse is such that the pulse width of each writing pulse is suitably extended taking into account the frequency characteristic of TR detection system". Thus, while col. 2, lines 7 and 8, refer to "extracting pulses having a pulse width corresponding to that of writing pulses" and col. 2, lines 19-26, refer to "extracting pulses having a pulse width at least equal to that of the writing pulses or a pulse width determined while taking into account the frequency characteristics of the tracking servo signal, the track offset appearing at the time of information recording can be minimized, and the performance of the tracking servo system can be greatly improved", it is apparent from Fig. 3(e) in comparison with Fig. 3(a) that the pulse width of the extracting pulse is greater than the pulse width of the writing pulse and such feature was encompassed by the recitation in original independent claims 1, 5 and 8 of extracting pulses having a pulse width "at least equal to" the writing pulse width.

Applicants submit that it is apparent that the features as recited in amended claims 1, 5 and 8 of this reissue application have clear support in the specification and drawings of the original application, which issued as U.S. Patent No. 5,105,409.

Respectfully submitted,



Melvin Kraus
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501.26379R00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KAKU, et al

Filed: August 5, 2003

Reissue of
Patent No.: 5,105,409

Issued: April 14, 1992

For: METHOD AND APPARATUS FOR OPTICAL RECORDING
AND REPRODUCING WITH TRACKING SERVO REDUCING
TRACK OFFSET

OFFER TO SURRENDER OF OFFICIAL LETTERS PATENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 5, 2003

Sir:

Patentees offer to surrender the Official Letters Patent upon indication of
allowability of this reissue application.

Respectfully submitted,



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